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CONFIDENTIAL

- 1 -

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It was noted that the industrial ministries whose reports were heard in the conference intensified their activity in developing new methods for purification of waste waters. It was definitely established in the conference, however, that the volume and rate of scientific research work is still inadequate to satisfy the practical requirements of the national economy. The ministries have no unified plans for scientific research work. The Ministry of the Metallurgical Industry does not pay proper attention to the problems of purifying the waste waters of nonferrous metallurgical enterprises. The various groups on waste waters organized by the Ministry of Petroleum Industry lack general scientific and methodical supervision. The Ministry of Light Industry limits its investigations to the field of textile production. There has been no research on methods of waste water purification in the production of leather, shoes, and leather substitutes. The food industry conducts research only with respect to the processing of waste waters in sugar production. Several ministries have even decreased financial support of the scientific research work on decontamination of waste waters.

The conference recommended that all ministries devote more attention to intensifying and coordinating their activity in this field and suggested many new scientific research projects, including:

In the metallurgical industry -- utilization of sludge from the radial settling tanks of gas-purifying installations; studying the problem of waste waters in rolling; and utilization of pickling shop waste waters containing hydrochloric and nitric acids.

In the petroleum industry -- additional purification of waste waters with hay filters; developing methods to recover sulfur alkalies; and studying the effect of waste waters of oil refineries on water supply.

In the light industry -- purification methods for waste waters of fat combines and spinning mills (recovery of copper sulfate and potassium bichromate) and recovery of copper and ammonia from waste waters of synthetic fiber factories

In the pulp and paper industry -- utilization and processing of residue after obtaining alcoholic alkalies and study of the sanitary characteristics of fiber-containing waters purified with the aid of various fiber-recovery equipment

- E N D -

- 2 -

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